



10/31/04, EAST Version: 2.0.1.4

No.	Publication No.	Title
1.	2003 - 156513	SERVO ACCELEROMETER WITH BUILT-IN GYRO
2.		METHOD OF MANUFACTURING SEMICONDUCTOR ACCELEROMETER
3.		SEMICONDUCTOR ACCELEROMETER AND METHOD OF MANUFACTURING THE SAME
4.	2002 - 357621	ACCELEROMETER WITH ORTHOGONAL AXIS ERROR CORRECTING FUNCTION AND ORTHOGONAL AXIS ERROR CORRECTING METHOD FOR ACCELEROMETER
5.	2002 - 257846	ACCELEROMETER
6.	2000 - 277753	SEMICONDUCTOR ACCELEROMETER AND ITS MANUFACTURE
7.	2000 - 162235	ACCELEROMETER AND ANGULAR VELOCITY SENSOR
8.	11 - 311634(1999)	MANUFACTURE OF SEMICONDUCTOR ACCELEROMETER
9.	11 - 311633(1999)	SEMICONDUCTOR ACCELEROMETER
10.	11 - 311632(1999)	SEMICONDUCTOR ACCELEROMETER
11.	11 - 311631(1999)	SEMICONDUCTOR ACCELEROMETER
12.	11 - 311630(1999)	SEMICONDUCTOR ACCELEROMETER
13.	11 - 160348(1999)	SEMICONDUCTOR ACCELEROMETER
14.	11 - 160345(1999)	SEMI CONDUCTOR ACCELEROMETER
15.	11 - 135805(1999)	MANUFACTURE OF SEMICONDUCTOR ACCELEROMETER
16.	11 - 135804(1999)	SEMICONDUCTOR ACCELEROMETER AND ITS MANUFACTURE
17.	10 - 160755(1998)	SERVO-TYPE ACCELEROMETER AND ITS MANUFACTURE
18.	08 - 220134(1996)	DETECTION ELEMENT IN TORSION BEAM ACCELEROMETER
19.	07 - 141804(1995)	DATA STORAGE DEVICE

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	Туре	Hits	Search Text	DBs	Time Stamp
1	BRS	1	("6046871").pn.	USPAT	2004/10/29 12:33
2	BRS	2	("4996623 " " 5491597").pn.	USPAT	2004/10/29 12:36
3	BRS	6	("6757124" "6307719" "5719720" "6396667" "6088194" "6359758").pn.	USPAT	2004/10/29 12:37
4	BRS	1	10/413,828	US-PGPUB	2004/10/29 12:37
5	BRS	1	10/447,544	US-PGPUB	2004/10/29 12:37
6	BRS	1	10/442,803	US-PGPUB	2004/10/29 12:38
7	BRS	1588	(9,	USPAT	2004/10/29 15:31
8	BRS	20	((gimbal or flexure) with (sensor)) and (dimple) and (accelerometer or (force or pressure))	USPAT	2004/10/29 13:26
9	BRS	1	"5777815".pn.	USPAT	2004/10/29 13:28
10	BRS	9	("5227929" "5299075" "5333138" "5455730" "5521772" "5527110" "5640089" "4862298" "5057678").pn.	USPAT	2004/10/29 13:30
11	BRS	862	, , ,	USPAT	2004/10/29 14:56
12	BRS	20	("360"/\$.ccls.) and ((flexure) with (sensor))	USPAT	2004/10/29 15:21
13	BRS	24	(gimbal and flexure) near10 (sensor or ((pressure or force) adj sensor) or accelerometer)	USPAT	2004/10/29 15:28
14	BRS	36	(gimbal and flexure) with (sensor or ((pressure or force) adj sensor) or accelerometer)	USPAT	2004/10/29 15:30
15	BRS	0	(gimbal and flexure) with (sensor or ((pressure or force) adj sensor) or accelerometer)	EPO	2004/10/29 15:30
16	BRS	0	(gimbal and flexure) with (sensor or ((pressure or force) adj sensor) or accelerometer)	JPO	2004/10/29 15:30
17	BRS	3	(gimbal and flexure) with (sensor or ((pressure or force) adj sensor) or accelerometer)		2004/10/29 15:31
18	BRS	0	(gimbal and flexure) with (sensor or ((pressure or force) adj sensor) or accelerometer)	IBM_TDB	2004/10/29 15:31
19	BRS	78	(gimbal or flexure) with (sensor)	EPO	2004/10/29 15:31
20	BRS	180	(gimbal or flexure) with (sensor)	JPO	2004/10/29 15:31

21	BRS	449	(gimbal or flexure) with (sensor)	DEDWENT	2004/10/29
21	DKO	449	(giribal of flexure) with (sensor)	DEKAAEIAI	15:31

	Туре	Hits	Search Text	DBs	Time Stamp
22	BRS	2	(gimbal or flexure) with (sensor)	IBM_TDB	2004/10/29 15:38
23	BRS	93	gimbal)	USPAT	2004/10/29 15:39
24	BRS	2	(360/245.3.ccls.) and ((flexure or gimbal) with sensor)		2004/10/29 15:41
25	BRS	0	(360/245.4.ccls.) and ((flexure or gimbal) with sensor)		2004/10/29 15:41
26	BRS	0	(360/245.6.ccls.) and ((flexure or gimbal) with sensor)	1	2004/10/29 15:41
27	BRS	1	(360/245.5.ccls.) and ((flexure or gimbal) with sensor)	1	2004/10/29 15:41
28	BRS	1	(360/245.7.ccls.) and ((flexure or gimbal) with sensor)	USPAT	2004/10/29 15:46
29	BRS	0	gimbal) with sensor)	USPAT	2004/10/29 15:46
30	BRS	0	(360/244.1.ccls.) and ((flexure or gimbal) with sensor)		2004/10/29 15:46
31	BRS	1	(360/246.4.ccls.) and ((flexure or gimbal) with sensor)	USPAT	2004/10/29 15:46

	Туре	Hits	Search Text	DBs	Time Stamp
1	BRS	579251	platter (magnetic storage drive\$1	US- PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	2004/09/17 10:11
2	BRS	185213	(piezoelectric piezo-electric (piezo near electric) pzt)	US- PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	2004/09/17 10:11
3	BRS	13998	(flight fly\$3) near3 (height distance)	US- PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	2004/09/17 10:12
4	BRS	3102		PGPUB;	2004/09/17 10:13
5	BRS	11994	(sens\$3 detect\$3 control\$4) with ((crash\$3 contact\$3 impact\$3) near3 (slider head transducer))	US- PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	

		Туре	Hits	Search Text	DBs	Time Stamp
,	6	BRS	7	(US-5719720-\$ or US-6052251-\$ or US-6088194-\$ or US-6268983-\$ or US-6351341-\$ or US-6421211-\$ or US-6507463- \$).did.	USPAT	2004/09/17 10:16
	7	BRS	28	(US-5796558-\$ or US-5757573-\$ or US-6267004-\$ or US-5021906-\$ or US-6362933-\$ or US-4605977-\$ or US-4843502-\$ or US-4853810-\$ or US-5377058-\$ or US-6501625-\$ or US-6366416-\$ or US-5390059-\$ or US-5719720-\$ or US-6552878-\$ or US-6552878-\$ or US-6473259-\$ or US-6473259-\$ or US-6501606-\$ or US-6991114-\$ or US-6512659-\$ or US-6515834-\$).did. or (US-5189578-\$).did. or (US-20020118483-\$).did.	PGPUB;	2004/09/17 10:34

	Туре	Hits	Search Text	DBs	Time Stamp
8	BRS	104	((((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive\$1 assembly) near2 (disk\$5 disc\$1 media medium) (storage near2 drive\$1))) and ((piezoelectric piezo-electric (piezo near electric) pzt)) and ((sens\$3 control\$4 detect\$3 determin\$3 calculat\$3) with ((flight fly\$3) near3 (height distance))) and ((sens\$3 control\$4) with ((crash\$3 contact\$3 impact\$3) near3 (slider head transducer)))	US- PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	
9	BRS	125	((sens\$3 control\$4 detect\$3 determin\$3 calculat\$3) with ((flight fly\$3) near3 (height distance))) same ((piezoelectric piezo-electric (piezo near electric) pzt))	EPO; JPO;	2004/09/17 10:18
10	BRS	119475	ramp	US- PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	

	Туре	Hits	Search Text	DBs	Time Stamp
11	BRS	47	(((sens\$3 control\$4 detect\$3 determin\$3 calculat\$3) with ((flight fly\$3) near3 (height distance))) same ((piezoelectric piezo-electric (piezo near electric) pzt))) and ((sens\$3 detect\$3 control\$4) with ((crash\$3 contact\$3 impact\$3) near3 (slider head transducer)))	US- PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	
12	BRS	7	((((sens\$3 control\$4 detect\$3 determin\$3 calculat\$3) with ((flight fly\$3) near3 (height distance))) same ((piezoelectric piezo-electric (piezo near electric) pzt))) and ((sens\$3 detect\$3 control\$4) with ((crash\$3 contact\$3 impact\$3) near3 (slider head transducer)))) and ramp	US- PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	

	Туре	Hits	Search Text	DBs	Time Stamp
13	BRS	46	((((sens\$3 control\$4 detect\$3 determin\$3 calculat\$3) with ((flight fly\$3) near3 (height distance))) same ((piezoelectric piezo-electric (piezo near electric) pzt))) and ((sens\$3 detect\$3 control\$4) with ((crash\$3 contact\$3 impact\$3) near3 (slider head transducer)))) and ((((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive\$1 assembly) near2 (disk\$5 disc\$1 media medium) (storage near2 drive\$1)))	EPO; JPO; DERWENT ; IBM_TDB	

	Туре	Hits	Search Text	DBs	Time Stamp
14	BRS	7	(((((sens\$3 control\$4 detect\$3 determin\$3 calculat\$3) with ((flight fly\$3) near3 (height distance))) same ((piezoelectric piezo-electric (piezo near electric) pzt))) and ((sens\$3 detect\$3 control\$4) with ((crash\$3 contact\$3 impact\$3) near3 (slider head transducer)))) and ramp) and ((((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive\$1 assembly) near2 (disk\$5 disc\$1 media medium) (storage near2 drive\$1)))	EPO; JPO; DERWENT ; IBM_TDB	
15	BRS	2	"20040032686"	US- PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	2004/09/17 10:27
16	BRS	10	("4605977" "5130867" "5166845" "5168413" "5377058" "5719720" "5796558" "6268983" "6310750" "6501625").PN.	USPAT	2004/09/17 10:35

	Туре	Hits	Search Text	DBs	Time Stamp
17	BRS	4		US- PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	
18	BRS	2	"6396667".pn.	US- PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	
19	BRS	1	10/455,507	US- PGPUB; USPAT	2004/10/29 10:19
20	BRS	195	(sens\$3 detect\$3) with (contact\$3 crash\$3 height) with (flexure gimbal)	USPAT	2004/10/29 16:10
21	BRS	200176	(((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID (magnetic storage drive\$1 assembly) near2 (disk\$5 disc\$1 media medium) (storage near2 drive\$1))	USPAT	2004/10/29 16:10
22	BRS	32	S20 and S21	USPAT	2004/10/29 16:10